

**POTW PRETREATMENT ANNUAL REPORT**

**CITY OF GLENDALE, ARIZONA**

**COVER SHEET**

**NPDES Permit Holder:** City of Phoenix, Arizona

**Period Covered by this Report:** 01-01-03 through 12-31-03

**Name of Wastewater Treatment Plant:** 91st Avenue WWTP

**NPDES Permit Number:** AZ0020524

**Person to Contact Concerning City of Glendale Information Contained in the Report:**

**John Watkins  
Pretreatment Officer  
West Area Water Reclamation Facility  
5901 N. Glen Harbor Blvd  
Glendale, Arizona 85307  
623-930-4758**

***As required by 40 C.F.R. Section 122.22(b)(2):***

***I certify under penalty of law that all CITY OF GLENDALE attachments contained in this document were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.***

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Roger Bailey, Director of Utilities,  
City of Glendale, Arizona**

**CITY OF GLENDALE**  
**PRETREATMENT PERFORMANCE SUMMARY**

<b>I. General Information</b>						
Control Authority Name: CITY OF GLENDALE			NPDES No.: AZ0020524 (City of Phoenix)			
Address: 5901 N. Glen Harbor		City: Glendale		State: Arizona		ZIP: 85307
Contact Person: John Watkins, Pretreatment Officer				Contact Telephone Number: (623) 930-4758		
Reporting Period: 01-01-03 to 12-31-03		Categorical IUs: 2		Significant Noncategorical IUs: 1		
<b>II. Significant Industrial User Compliance</b>						
		Categorical		Noncategorical		Total SIUs
		No.	%	No.	%	No.      %
1.	No. of SIUs in Full Compliance	1	50	1	100	2      67
2.	No. of SIUs in Inconsistent Compliance	0	0	0	0	0      0
3.	No. of SIUs in Significant NonCompliance	1	50	0	0	1      33
4.	No. of Parameter Violations	3		0		3
5.	No. of Reporting Violations	0		0		0
6.	No. of Permit Condition Violations	0		0		0
<b>III. Compliance Monitoring Program</b>						
		Categorical		Noncategorical		Total SIUs
1.	No. of Control Documents Issued	2		0		2
2.	No. of Nonsampling Inspections Conducted	2		1		3
3.	No. of Facilities Inspected (Nonsampling)	2		1		3
4.	No. of Sampling Visits Conducted	37		4		41
5.	No. of Facilities Sampled	2		1		3
<b>IV. Enforcement Actions</b>						
		Categorical		Noncategorical		Total SIUs
1.	Notices of Violations Issued to SIUs	2		0		2
2.	Temporary Increase in IU Self Monitoring	0		0		0
3.	Administrative Orders Issued to SIUs	0		0		0
4.	Compliance Schedules Issued	0		0		0
5.	Settlement Agreements	0		0		0
6.	Other Actions	0		0		0
7.	Amount of Penalties Collected	\$ 0		\$ 0		\$ 0

**CITY OF GLENDALE**  
**SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: American Pumping Service, Inc.			REPORT PERIOD: 01/01/03 to 12/31/03		
SERVICE ADDRESS: 6515 West Northview Glendale, Arizona 85301			MAILING ADDRESS: P.O. Box 6899 Glendale, Arizona 85312		
CATEGORICAL USER?	No	40 CFR	LIMITS APPENDIX: A		BMR SUBMITTED: N/A
TTO CERTIFICATION DATE SUBMITTED: N/A			PERMIT EFFECTIVE: 04/15/01		PERMIT EXPIRES: 04/14/2004
SAMPLING LOCATION VERIFIED ON: 10/22/03			RCRA NOTICE:		
SLUG CONTROL PLAN EVALUATION DATE: N/A					

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	2	0	0	2
Number of IU Sampling Days	1	0	1	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	2/6/04	2/6/04	2/06/04	2/06/04

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance  
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit ug/L	Number of Measurements per Quarter

  

	1st Quarter (Jan 1 – Mar 31)	2 <sup>nd</sup> Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	N	N	N	N

**Enforcement Status Codes**

A - Notice of Violation (NOV)  
B - Administrative Order (AO)

F - Assessment Monetary Penalties  
G - Restriction of Flow

J - Disconnection from Sewer  
K - Published in Newspaper as Significant

C - Civil Action Filed  
D - Criminal Action Filed  
E - Pretreatment Settlement Agreement (PSA)

H - Permit Revocation  
I - Compliance Schedule Issued

Violator in Previous Year (SNC)  
L- Temporary Increase in IU Self Monitoring (TISM)  
N - No Enforcement Action

## ENFORCEMENT SUMMARY AND COMMENTS

Company Name: American Pumping Service, Inc.

Process Flow: 5415 gal/day, (2 - 3 batches /day)

General Information and type of wastewater treatment	American Pumpings' pretreatment system is a non hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. They batch treat grease trap waste, and discharge an average of 5415 gallons per day 20 days per month. They monitor pH weekly, and monitor flow daily during batch discharges.
First Quarter	City personnel sampled this facility for 2 days in February and the facility was inspected March 5 with no violations being noted.
Second Quarter	No enforcement actions this quarter
Third Quarter	No enforcement actions this quarter
Fourth Quarter	No enforcement actions this quarter Sampling by the City was performed this 2 days quarter with no violations being found.

To be published for this year in newspaper as a significant violator?      Yes   X   No

Penalties this reporting Year: Assessed \$ -0- / Collected \$ -0-

# CITY OF GLENDALE

## SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Corning Gilbert Incorporated				REPORT PERIOD: 01/01/03 to 12/31/03	
SERVICE ADDRESS: 5310 West Camelback Road Glendale Arizona 85301			MAILING ADDRESS: P.O. Box 23189 Phoenix, Arizona 85063		
CATEGORICAL USER?	Yes	40 CFR	433.15	LIMITS APPENDIX: A, D	BMR SUBMITTED: 08-21-84
TTO CERTIFICATION DATE SUBMITTED: 11/07/02			PERMIT EFFECTIVE: 5/12/03		PERMIT EXPIRES: 3/31/08
SAMPLING LOCATION VERIFIED ON: 11/6/03			RCRA NOTICE: 06-08-90		
SLUG CONTROL PLAN EVALUATION DATE: 8/5/03					

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4 <sup>th</sup> Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	7	7	9	5
Number of IU Sampling Days	6	7	10	5
Number of Parameter Violations	1	2	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	S	C	C
Evaluated as of:	2/06/04	2/06/04	2/06/04	2/06/04

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance

If company is in I or S, then the following table applies

Quarter	Type of Violation	Date of Violation	Sample Grab or Composite	Limit City or Federal	Monitoring City of IU	Parameter	Value / Limit mg/L	Measurements per Quarter
1	Limits	2/28	Grab	Fed Mon	City	Cyanide	0.85 / 0.65	6
2	Limits	4/30	Grab	Avg	City	Cyanide	7.5 / 1.2	7
2	Limits	4/30	Grab	Fed Daily	City	Cyanide	1.5 / 0.65	7
				Fed Mon Avg				

	1 <sup>st</sup> Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	A	A	N	N

Enforcement Status Codes

A - Notice of Violation (NOV)  
 B - Administrative Order (AO)  
 C - Civil Action Filed  
 D - Criminal Action Filed  
 E - Pretreatment Settlement Agreement (PSA)

F - Monetary Penalties Assessed  
 G - Restriction of Flow  
 H - Revocation of Permit  
 I - Compliance Schedule Issued  
 J - Disconnection of Service

K - Published in Newspaper as Significant Violator (SNC) i n  
 prior year  
 L - Temporary Increase in Self Monitoring (TISM)  
 N - No Enforcement Action

## ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Corning Gilbert, Inc.

Process Flow: 110,683 GPD (Average)

<b>General Information and type of wastewater treatment</b>	<p>This facility manufactures coaxial cable connectors. Pretreatment consists of hydroxide precipitation, chemical oxidation, stream segregation, filtration, sedimentation, and pH neutralization. Corning-Gilbert monitors flow and pH on a daily basis.</p>
<b>First Quarter</b>	<p>City personnel sampled this facility February 3,4,5,6,7,10,13 and inspected them February 19. They received a NOV on March 5 for February cyanide monthly limits violation. Subsequent cyanide sampling by City personnel and industry in March and April indicated Corning was back in compliance with cyanide limitations.</p>
<b>Second Quarter</b>	<p>Corning Gilbert's industrial discharge permit A9702 was renewed May 12, 2003. City personnel sampled this facility April 14,15,16,17,18,23,30 and Corning was given a NOV for cyanide limits violations subsequent to City sampling on April 30. A combination of cyanide monthly limits violations for February and April resulted in Corning Gilbert being listed in significant noncompliance for TRC violations for the first 6 months of this reporting year. Additional sampling indicated this facility resumed compliance with cyanide limitations. Research by Corning Gilbert personnel found that waste discharge from a gold plating process was causing cyanide chemical complexing issues that prevented proper cyanide destruction. They have since made process control changes that have resolved the problems.</p>
<b>Third Quarter</b>	<p>No enforcement action this quarter.          City personnel sampled this facility July 21,22,23,24,25,29, August 13, September 29 and 30.</p>
<b>Fourth Quarter</b>	<p>No enforcement actions this quarter.          City personnel sampled this facility October 1,2,3, and November 6.</p>

To be published for this year in newspaper as a significant violator?   X   Yes           No

Penalties this reporting Year: Assessed \$ -0- / Collected \$ -0-

## CITY OF GLENDALE SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Presto Casting Company				REPORT PERIOD: 01/01/03 to 12/31/03	
SERVICE ADDRESS: 5440 West Missouri Ave Glendale Arizona 85301			MAILING ADDRESS: P.O. Box 1059 Glendale, Arizona 85311		
CATEGORICAL USER?	Yes	40 CFR	433.15	LIMITS APPENDIX: A, D	BMR SUBMITTED: 12/29/88
TTO CERTIFICATION DATE SUBMITTED:			NA	PERMIT EFFECTIVE: 4/15/03	PERMIT EXPIRES: 4/15/08
SAMPLING LOCATION VERIFIED ON:			8/22/03	RCRA NOTICE: 06/08/90	
SLUG CONTROL PLAN EVALUATION DATE:			9/29/00		

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 – Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	5	0	4	0
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Condition Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	2/06/04	2/06/04	2/06/04	2/06/04

COMPLIANCE CODES: C=Compliance; I= Inconsistent Compliance; S=Significant NonCompliance;  
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit (mg/L)	Number of Measurements per Quarter
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 – Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 – Dec 31)
Enforcement Status			N	N		N		N

**Enforcement Status Code**

## A Notice of Violation (NOV)

### F - Monetary Penalties Assessed

K - Published in Newspaper as Significant Violator (SNC)

B - Administrative Order (AO)	G - Restriction of Flow	in Prior Year
C - Civil Action Filed	H - Revocation of Permit	L - Temporary Increase in Self Monitoring (TISM)
D - Criminal Action Filed	I - Compliance Schedule Issued	N - No Enforcement Action
E - Pretreatment Settlement Agreement (PSA)	J - Disconnection of Service	

## ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Presto Casting Company  
Process Flow: 8,080 GPD (Average)

General Information and type of wastewater treatment	<p>Presto Casting is a division of Magellan Aerospace Corporation and produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO<sub>2</sub>, neutralizing, then sending through a filter press. Non chrome rinse baths are batch reduced then released. There is no discharge to the sewer from their casting quench operation. Flow and pH are monitored on a continuous basis.</p>
First Quarter	<p>Presto Casting was sampled by City personnel March 17,18,19,20, and 21. City personnel inspected Presto during March sampling event. No enforcement action this quarter.</p>
Second Quarter	<p>No enforcement action this quarter. Presto Casting's industrial discharge permit A9703 was renewed this quarter effective April 15 and will expire April 15, 2008.</p>
Third Quarter	<p>No enforcement action this quarter. Presto was sampled by City personnel August 19,20,21, and 22.</p>
Fourth Quarter	<p>No enforcement action this quarter.</p>

To be published for this year in newspaper as a significant violator? \_\_\_\_ Yes    X No  
Penalties this reporting Year:    Assessed    \$ 0 /    Collected    \$ 0

**Glendale Pretreatment Program**  
**Significant Industrial Users (SIU)**

**American Pumping Company**

7220 N. 65th Avenue

Glendale, Arizona 85301

Signatory: Perry French, Owner

Contact: Perry French

Phone: 602-252-8111

Local Limits Only

SIC: 7699,1711

**Corning-Gilbert Inc.**

5310 West Camelback Road

Glendale, AZ 85301

Signatory: Ms. Ann Skanadore, Laboratory Director

Contact: Mr. Dan Reeves

phone: 602-245-1050

40 CFR 433, Local Limits

SIC: 3644,3471

**Presto Casting Company**

5440 West Missouri Ave

Glendale, AZ 85301

Signatory: Mr. Peter Clark, VP & General Manager

Contact: Mr. Paul Faulkner

phone: 602-939-9441

40 CFR 433, Local Limits

SIC: 3361,3479

Updated 2/0604

# City of Glendale

## Pretreatment Program

### Pollution Prevention Through Point Source Control Measures

NPDES Annual Progress Report: January 1, 2002 through December 31, 2002

#### **Introduction**

Section C.1 of the National Pollutant Discharge Elimination System (NPDES) Permit No. AZ0020524 requires Sub-Regional Operating Group (SROG) member cities to submit progress reports detailing efforts pertaining to pollution prevention through point source control measures. The City of Glendale's effort is summarized below.

#### **Point Source Control Program**

##### ***Pollutants of Concern:***

Businesses that have the potential to discharge pollutants of concern have been found in 52 different SIC code designations within the City of Glendale. Our revised database indicates a total of 1389 such businesses within the City of Glendale. Pollution prevention inspections were performed at 80 businesses during 2002. Educational materials regarding waste minimization and pollution prevention were handed out during those inspections. We have expanded our commercial inspection activities to include all businesses with pollutants of concern.

##### ***Oil & Grease Program:***

Our database currently identifies 612 restaurants, taverns and other eating establishments that have oil and grease discharges and thus receives periodic inspections by the City. There were a total of 343 grease trap inspections performed during 2002.

##### ***Significant Industrial Users (SIUs):***

Semi-annual sampling is routinely conducted each year at American Pumping and Presto Casting Company and quarterly compliance sampling is performed at Corning Gilbert, Inc. These businesses are also inspected on an annual basis to ensure compliance with industrial discharge permit requirements. Annual inspections are also conducted at Stone Container, Thunderbird Samaritan Hospital, and Gaylord Container. National Flight is inspected annually to verify zero discharge since this industry would be considered a significant industrial user if they were discharging process wastewater.

##### ***Stormwater Program:***

Pretreatment personnel are also responsible for performing stormwater related duties. These include inspections at outfalls, City facilities, and businesses that fall under the *EPA Stormwater Multi Sector General Permit* listed SIC designations. We also review SWPPs for those businesses that have filed an NOI with the EPA. This year we conducted quarterly inspections at 32 outfalls, inspected 6 City facilities, and sent letters to approximately 400 businesses that are in our 'Stormwater' database informing them of their stormwater control responsibilities.

#### **Domestic Site Sampling**

Sampling was performed at our domestic site location at 65th Avenue and Onyx Street on February 21, 22, and 23 so far this year. This is a long term and ongoing sampling program in which the data collected will be utilized for local limit development and to assess the domestic contribution of pollutants into our wastewater systems.

## **SROG Participation**

The Glendale Pretreatment Officer continues to participate in monthly SROG TAC (Technical Advisory Committee) meetings held at the AMWUA offices in Phoenix. He also attends periodic meetings regarding the 91<sup>st</sup> Ave POTW Metering Stations Impact Study held at the City of Phoenix complex. Glendale personnel were involved in the intensive 3 week SROG 'local limits' sampling project conducted in December.

EPA awarded the SROG member Cities, including Glendale, with their annual *Pretreatment Program of the Year Award for 2002* at the annual WEFTEC conference in Chicago in October.

## **Training / Seminars Attended By Pretreatment Personnel**

- City of Glendale annual refresher courses in confined space, respirator certification, environmental awareness, hazard communications, hazardous materials transportation, laboratory safety, and process safety. Pretreatment personnel also attended forklift safety and traffic control classes.
- 40 hour and 8 hour Hazwoper refresher classes
- Annual AWPCA conference in Mesa
- Annual Tri-State Conference in Laughlin, NV
- EMA Security Risk Assessment Methodology for Water Utilities Workshop
- Environmental Symposium on Bio-Terrorism conducted by Precision Analytical Labs
- The Grease Summit Seminar conducted by Environmental Biotech, Inc.
- WEFTEC Annual Conference in Chicago

## **Education / Outreach**

A Pretreatment Program website is available through the City of Glendale Homepage at the internet address: **[www.ci.glendale.az.us/localgov/utilities/pretreatment/](http://www.ci.glendale.az.us/localgov/utilities/pretreatment/)**

During business inspections we are handing out brochures entitled *Pollution Prevention for Automotive Maintenance and Repair Shops*, *Pocketguide to Grease Traps and Interceptors for Eating Establishments*, and the *ADEQ Managing Hazardous Waste Handbook*.

Three Pretreatment Inspectors participated in the Dysart High School Career Day in April . They discussed careers in the water and wastewater industry and distributed related literature.

Pretreatment personnel occasionally give a Glendale Pretreatment Program presentation to participants in the *Glendale University* program